

WALLENTIN
Serial No. 09/852,915

Atty Dkt: 2380-336
Art Unit: 2681

AMENDMENTS TO THE CLAIMS:

Please replace the pending claims with the following set of claims (of which only dependent claim 54 is amended):

1. (Cancelled)

2. (Previously Presented) A method of operating a radio access network of a telecommunications system, the radio access network comprising a radio network control (RNC) node, wherein the method comprises:

ascertaining a failure of the radio network control node; and, upon such failure, preparing an omnibus release message with a first selected parameter thereof having a predetermined value to indicate that all connections controlled by the radio network control (RNC) node are to be released.

3. (Original) The method of claim 2, wherein when the first selected parameter is in a reserved range of values, all radio connections controlled by the radio network control (RNC) node are released.

4. (Original) The method of claim 2, wherein the radio network control (RNC) node is a serving radio network control (SRNC) node, and further comprising preparing the omnibus release message upon failure of the serving radio network control (SRNC) node.

5. (Original) The method of claim 2, wherein the first selected parameter is included in a mobile terminal global identity information element of the omnibus release message.

6. (Original) The method of claim 5, wherein the first selected parameter is included in a Radio Network Temporary Identity (U-RNTI) information element of the omnibus release message.

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7. (Original) A method of operating a radio access network of a telecommunications system, the radio access network comprising a radio network control (RNC) node, the method comprising preparing an omnibus release message whereby, when a Serving Radio Network Temporary Identity (S-RNTI) information element of the omnibus release message has a predetermined value, plural connections handled by the radio access network are released.

8. (Previously Presented) The method of claim 2 wherein the method further comprises preparing the omnibus release message whereby, when a first selected parameter thereof has a first predetermined value and a second selected parameter thereof has a second predetermined value, all radio connections in cells controlled by the radio network control (RNC) node are released.

9. (Original) The method of claim 8, wherein when the first selected parameter is in a first reserved range of values, all radio connections in cells controlled by the radio network control (RNC) node are released.

10. (Original) The method of claim 8, wherein when the second selected parameter is in a second reserved range of values, all radio connections in cells controlled by the radio network control (RNC) node are released.

11. (Original) The method of claim 8, wherein the radio network control (RNC) node is a drift radio network control (DRNC) node, and further comprising preparing the omnibus release message upon failure of the drift radio network control (DRNC) node.

12. (Original) The method of claim 8, wherein the first selected parameter is included in a mobile terminal global identity information element of the omnibus release message.

13. (Original) The method of claim 12, wherein the first selected parameter is included in a Radio Network Temporary Identity (U-RNTI) information element of the omnibus release message.

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14. (Original) The method of claim 13, wherein the first selected parameter is in a Serving Radio Network Temporary Identity (S-RNTI) information element of the omnibus release message.

15. (Original) The method of claim 8, wherein the second selected parameter is included in a parameter which identifies a serving radio network control (SRNC) node.

16. (Previously Presented) A method of operating a radio access network of a telecommunications system, the method comprising:

using an omnibus release message to release plural connections handled by the radio access network;

transmitting the omnibus release message on a common control channel (CCCH) when a mobile terminal is in a CELL_FACH state.

17. (Previously Presented) The method of claim 2, further comprising transmitting the omnibus release message on a paging channel (PCH).

18. (Previously Presented) A method of operating a radio access network of a telecommunications system, the radio access network comprising a serving radio network controller node and a drift radio network controller node, and wherein the method comprises: sending from the serving radio network controller node to the drift radio network controller node a request for release of connections with mobile terminals controlled by the serving radio network controller node in cells controlled by the drift radio network controller node;

preparing an omnibus release message to release plural connections handled by the radio access network;

sending the omnibus release message from the drift radio network controller node to base station(s) controlled by the drift radio network controller node.

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19. (Previously Presented) A method of operating a radio access network of a telecommunications system, the radio access network comprising a serving radio network controller node and a drift radio network controller node, and wherein the method comprises:

receiving at the drift radio network controller node an indication of a loss of connection with the serving radio network controller node;

preparing an omnibus release message to release plural connections handled by the radio access network;

sending the omnibus release message from the drift radio network controller node to base station(s) controlled by the drift radio network controller node with respect to connections with mobile terminals controlled by the serving radio network controller node in cells controlled the drift radio network controller node.

20. (Cancelled)

21. (Previously Presented) A radio access network of a telecommunications system comprising a radio network control (RNC) node which ascertains a failure of the radio network control node and, upon such failure, prepares an omnibus release message with the omnibus release message with a first selected parameter of the omnibus release message having a predetermined value to indicate that all radio connections controlled by the radio network control (RNC) node are to be released.

22. (Original) The radio access network of claim 21, wherein when the first selected parameter is in a reserved range of values, all radio connections controlled by the radio network control (RNC) node are released.

23. (Original) The radio access network of claim 21, wherein the radio network control (RNC) node is a serving radio network control (SRNC) node, and wherein the serving radio network control (SRNC) node prepares the omnibus release message upon failure of the serving radio network control (SRNC) node.

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24. (Original) The radio access network of claim 21, wherein the first selected parameter is included in a mobile terminal global identity information element of the omnibus release message.

25. (Original) The radio access network of claim 24, wherein the first selected parameter is included in a Radio Network Temporary Identity (U-RNTI) information element of the omnibus release message.

26. (Previously Presented) A radio access network of a telecommunications system comprising a radio network control (RNC) node which prepares an omnibus release message whereby, when a Serving Radio Network Temporary Identity (S-RNTI) information element of the omnibus release message has a predetermined value, plural connections handled by the radio access network are released.

27. (Previously Presented) The radio access network of claim 21, wherein when a first selected parameter of the omnibus release message has a first predetermined value and a second selected parameter of the omnibus release message has a second predetermined value, all radio connections in cells controlled by the radio network control (RNC) node are released.

28. (Original) The radio access network of claim 27, wherein when the first selected parameter is in a first reserved range of values, all radio connections in cells controlled by the radio network control (RNC) node are released.

29. (Original) The radio access network of claim 27, wherein when the second selected parameter is in a second reserved range of values, all radio connections in cells controlled by the radio network control (RNC) node are released.

30. (Original) The radio access network of claim 27, wherein the radio network control (RNC) node is a drift radio network control (DRNC) node, and wherein the drift radio network control (DRNC) node prepares the omnibus release message upon failure of the drift radio network control (DRNC) node.

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31. (Original) The radio access network of claim 27, wherein the first selected parameter is included in a mobile terminal global identity information element of the omnibus release message.

32. (Original) The radio access network of claim 31, wherein the first selected parameter is included in a Radio Network Temporary Identity (U-RNTI) information element of the omnibus release message.

33. (Original) The radio access network of claim 32, wherein the first selected parameter is in a Serving Radio Network Temporary Identity (S-RNTI) information element of the omnibus release message.

34. (Original) The radio access network of claim 27, wherein the second selected parameter is included in a parameter which identifies a serving radio network control (SRNC) node.

35. (Previously Presented) A radio access network of a telecommunications system, the radio access network comprising a radio network control (RNC) node which prepares a omnibus release message to release plural connections handled by the radio access network, and wherein the omnibus release message is transmitted on a common control channel (CCCH) when a mobile terminal is in a CELL_FACH state.

36. (Previously Presented) The radio access network of claim 21, wherein the omnibus release message is transmitted on a paging channel (PCH).

37. (Previously Presented) A radio access network of a telecommunications system comprising:

a serving radio network controller node;

a drift radio network controller node;

wherein the serving radio network controller node sends to the drift radio network controller node a request for release of connections with mobile terminals controlled by

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the serving radio network controller node in cells controlled by the drift radio network controller node; and

wherein the drift radio network controller node sends an omnibus release message to base station(s) controlled by the drift radio network controller node to release plural connections handled by the radio access network.

38. (Previously Presented) A radio access network of a telecommunications system comprising:

a serving radio network controller node;

a drift radio network controller node;

wherein the drift radio network controller node receives an indication of a loss of connection with the serving radio network controller node, and thereafter sends an omnibus release message to base station(s) controlled by the drift radio network controller node to release plural connections with mobile terminals controlled by the serving radio network controller node in cells controlled by the drift radio network controller node.

39. (Cancelled)

40. (Previously Presented) A radio network control (RNC) node of a radio access network of a telecommunications system which ascertains a failure of the radio network control node and, upon such failure, prepares an omnibus release message, a first selected parameter of the omnibus release message having a predetermined value to indicate that all radio connections controlled by the radio network control (RNC) node are to be released.

41. (Original) The radio network control (RNC) node of claim 40, wherein when the first selected parameter is in a reserved range of values, all radio connections controlled by the radio network control (RNC) node are released.

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42. (Previously Presented) The radio network control (RNC) node of claim 40, wherein the radio network control (RNC) node is a serving radio network control (SRNC) node, and wherein the serving radio network control (SRNC) node prepares the omnibus release message upon failure of the serving radio network control (SRNC) node.

43. (Previously Presented) The radio network control (RNC) node of claim 40, wherein the first selected parameter is included in a mobile terminal global identity information element of the omnibus release message.

44. (Original) The radio network control (RNC) node of claim 43, wherein the first selected parameter is included in a Radio Network Temporary Identity (U-RNTI) information element of the omnibus release message.

45. (Previously Presented) A radio network control (RNC) node of a radio access network of a telecommunications system which prepares an omnibus release message whereby, when a Serving Radio Network Temporary Identity (S-RNTI) information element of the omnibus release message has a predetermined value, plural connections handled by the radio access network are released.

46. (Previously Presented) The radio network control (RNC) node of claim 40, wherein when a first selected parameter of the omnibus release message has a first predetermined value and a second selected parameter of the omnibus release message has a second predetermined value, all radio connections in cells controlled by the radio network control (RNC) node are released.

47. (Original) The radio network control (RNC) node of claim 46, wherein when the first selected parameter is in a first reserved range of values, all radio connections in cells controlled by the radio network control (RNC) node are released.

48. (Original) The radio network control (RNC) node of claim 46, wherein when the second selected parameter is in a second reserved range of values, all radio connections in cells controlled by the radio network control (RNC) node are released.

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49. (Original) The radio network control (RNC) node of claim 46, wherein the radio network control (RNC) node is a drift radio network control (DRNC) node, and wherein the drift radio network control (DRNC) node prepares the omnibus release message upon failure of the drift radio network control (DRNC) node.

50. (Original) The radio network control (RNC) node of claim 46, wherein the first selected parameter is included in a mobile terminal global identity information element of the omnibus release message.

51. (Original) The radio network control (RNC) node of claim 50, wherein the first selected parameter is included in a Radio Network Temporary Identity (U-RNTI) information element of the omnibus release message.

52. (Original) The radio network control (RNC) node of claim 51, wherein the first selected parameter is in a Serving Radio Network Temporary Identity (S-RNTI) information element of the omnibus release message.

53. (Original) The radio network control (RNC) node of claim 46, wherein the second selected parameter is included in a parameter which identifies a serving radio network control (SRNC) node.

54. (Currently Amended) The radio network control (RNC) node of claim 3940, ~~A radio network control (RNC) node of a radio access network of a telecommunications system which prepares an omnibus release message to release plural connections handled by the radio access network, and wherein the omnibus release message is transmitted on a common control channel (CCCH) when a mobile terminal is in a CELL_FACH state.~~

55. (Previously Presented) The radio network control (RNC) node of claim 40, wherein the omnibus release message is transmitted on a paging channel (PCH).

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56. (Previously Presented) A radio network control node of a radio access network of a telecommunications system, the radio network control node being a drift radio network control node which receives from a serving radio network control node a request for release of connections with mobile terminals controlled by the serving radio network controller node in cells controlled the drift radio network controller node; and wherein the drift radio network controller node sends an omnibus release message to base station(s) controlled by the drift radio network controller node to release plural connections handled by the radio access network.

57. (Previously Presented) A radio network control node of a radio access network of a telecommunications system, the radio network control node being a drift radio network control node which receives an indication of a loss of connection with the serving radio network controller node, and which thereafter sends an omnibus release message to base station(s) controlled by the drift radio network controller node to release plural connections handled by the radio access network with mobile terminals controlled by the serving radio network controller node in cells controlled the drift radio network controller node.

58. (Previously Presented) A mobile terminal which, upon receipt of a release message from a radio access network of a telecommunications system, releases its radio connection with the radio access network when a first selected parameter of the omnibus release message has a predetermined value which is not unique to the mobile terminal and which causes release of all connections handled by a radio network control node of the radio access network upon a failure of the radio network control node.

59. (Original) The mobile terminal of claim 58, wherein when the first selected parameter is in a reserved range of values, the mobile terminal releases its radio connection with the radio access network.

60. (Original) The radio access network of claim 58, wherein the first selected parameter is included in a mobile terminal global identity information element of the omnibus release message.

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61. (Original) The mobile terminal of claim 58, wherein the first selected parameter is included in a Radio Network Temporary Identity (U-RNTI) information element of the release message.

62. (Previously Presented) A mobile terminal which, upon receipt of an omnibus release message from a radio access network of a telecommunications system, releases its radio connection with the radio access network when a first selected parameter of the omnibus release message has a predetermined value which is not unique to the mobile terminal, wherein the first selected parameter is in a Serving Radio Network Temporary Identity (S-RNTI) information element of the release message.

63. (Previously Presented) A mobile terminal which, upon receipt of an omnibus release message from a radio access network of a telecommunications system, releases its radio connection with the radio access network when a first selected parameter of the omnibus release message has a predetermined value which is not unique to the mobile terminal, wherein the release message is received on a common control channel (CCCH) when the mobile terminal is in a CELL_FACH state.

64. (Original) The mobile terminal of claim 58, wherein the release message is received on a paging channel (PCH).

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